

58. The data processing system of claim 53, wherein the determined user environment identifies a language of a user of the program.

59. The data processing system of claim 53, wherein the program determines the suitable resource data by loading a lookup object for linking the resource identifier with the resource data suitable for the determined user environment, and obtaining the suitable resource data from the lookup object by using the resource identifier and the determined user environment.

60. The data processing system of claim 53, wherein the program comprises:

a user parameter component for determining the user environment the program is executing in;

an application component for initiating execution of the program; and

a lookup component for identifying the suitable resource data.

61. The data processing system of claim 60, wherein the lookup component generates a string identifier comprising the resource identifier and the user environment, and generates the suitable resource data using the generated string identifier.

62. The data processing system of claim 60, wherein the lookup component invokes a dictionary function to obtain one of a plurality of lookup objects corresponding to the determined user environment and that link the resource identifier with the suitable resource data.

63. A data processing system for providing resources adapted to at least one of a plurality of user environments, the data processing system comprising:

means for initiating execution of a program, the program having an application object and a resource identifier that is associated with a plurality of resource data stored in the application object; and

means for, while the program is executing,

determining from the application object which of the plurality of user environments the program is executing in; and

identifying which of the resource data is suitable for the determined user environment by using both the resource identifier and the determined user environment.

64. A computer-readable memory device encoded with a data structure with entries that are accessed by a program which is encoded on the memory device and which is run by a processor in a system, each entry comprising:

a first storage area that stores a resource identifier; and

a plurality of second storage areas that each store one of a plurality of resource data corresponding to the resource identifier, each resource data associated with at least one user environment of an application object, wherein the program determines a suitable resource data to be used by using the resource identifier and an indication of a current user environment in which the program is running.